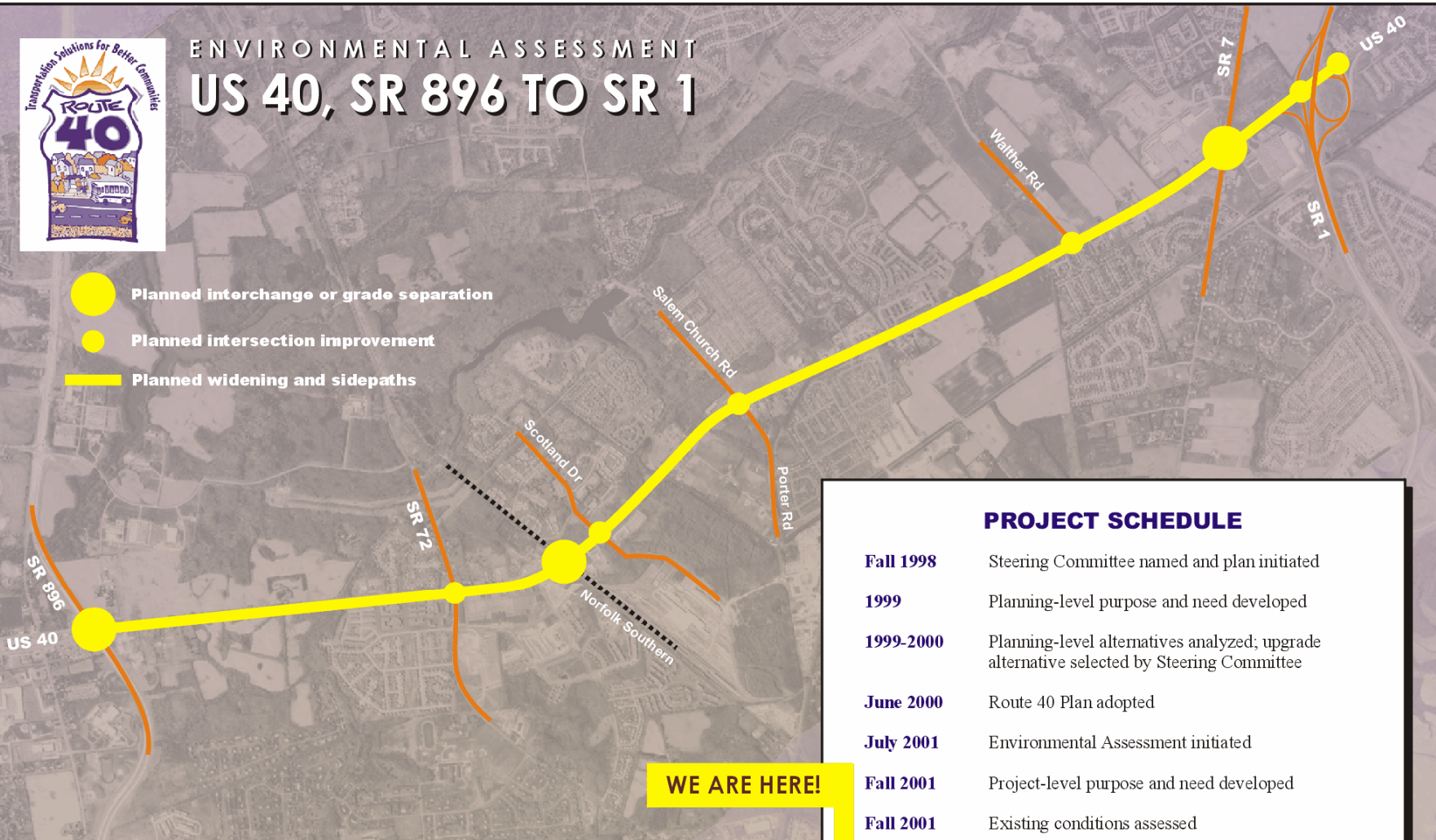




# ENVIRONMENTAL ASSESSMENT US 40, SR 896 TO SR 1



## WIDENING ALTERNATIVES

From Route 896 to east of Walther Road, the Route 40 Corridor 20-Year Transportation Plan anticipates widening US 40 from four to six lanes. The anticipated typical section will also include a ten-foot-wide path on each side for bicyclists and pedestrians. As potential resource (both natural and cultural) and property impacts are identified along various segments of US 40, the following widening alternatives may be considered:

- Widening entirely to the outside of the existing travel lanes.
- Widening to the inside as much as possible (the existing median is not wide enough to eliminate all outside widening).
- Widening both the east- and westbound lanes to the north.
- Widening both the east- and westbound lanes to the south.

## PROJECT SCHEDULE

|                         |  |
|-------------------------|--|
| <b>Fall 1998</b>        | Steering Committee named and plan initiated  |
| <b>1999</b>             | Planning-level purpose and need developed  |
| <b>1999-2000</b>        | Planning-level alternatives analyzed; upgrade alternative selected by Steering Committee |
| <b>June 2000</b>        | Route 40 Plan adopted  |
| <b>July 2001</b>        | Environmental Assessment initiated   |
| <b>Fall 2001</b>        | Project-level purpose and need developed   |
| <b>Fall 2001</b>        | Existing conditions assessed   |
| <b>Fall 2001</b>        | Public meeting   |
| <b>Spring 2002</b>      | Development and evaluation of engineering alternatives                                   |
| <b>Summer/fall 2002</b> | Selection of preferred alternative   |
| <b>Summer/fall 2002</b> | Preparation of Environmental Assessment  |
| <b>Fall 2002</b>        | Public meeting   |
| <b>Early 2003</b>       | Anticipated environmental approval   |

# PRELIMINARY

## Matrix of Impacts

### Route 40 Widening

|   | Alternative |       |      |       |
|---|-------------|-------|------|-------|
|   | 1           | 2     | 3    | 4     |
| SOCIOECONOMIC IMPACTS   |             |       |      |       |
| Residential displacements   | 0           | 0     | 0    | 0     |
| Commercial displacements  | 9           | 9     | 9    | 9     |
| Community facility displacements                                      | 0           | 0     | 0    | 0     |
| NATURAL RESOURCE IMPACTS  |             |       |      |       |
| Wetland impacts (acres)   | 0.25        | 0.24  | 0.25 | 0.24  |
| Stream crossings  | 3           | 3     | 3    | 3     |
| Floodplain impacts (acres)  | 5.50        | 5.46  | 5.47 | 5.44  |
| Active farmland impacts (acres)                                       | 2.16        | 2.16  | 2.16 | 2.16  |
| Potential hazardous waste sites                                       | 0           | 0     | 0    | 0     |
| Potential noise impacts   | UNDER STUDY |       |      |       |
| CULTURAL RESOURCE IMPACTS   |             |       |      |       |
| Listed/eligible NHRP sites (no./acres)                                | 0           | 0     | 0    | 0     |
| Potentially eligible NHRP sites                                       | 1           | 1     | 1    | 1     |
| Areas of high/moderate potential for archaeological resources (acres) | 10.65       | 10.35 | 9.86 | 10.22 |

# PRELIMINARY

## Matrix of Impacts

### Route 896 Interchange

|   | Alternative |        |        |        |        |        |        |
|---|-------------|--------|--------|--------|--------|--------|--------|
|   | 1           | 2      | 3      | 4      | 5      | 6      | 7      |
| SOCIOECONOMIC IMPACTS   |             |        |        |        |        |        |        |
| Residential displacements   | 0           | 0      | 0      | 0      | 0      | 0      | 0      |
| Commercial displacements  | 0           | 0      | 1      | 1      | 1      | 1      | 1      |
| Community facility displacements                                      | 0           | 0      | 0      | 0      | 0      | 0      | 0      |
| NATURAL RESOURCE IMPACTS  |             |        |        |        |        |        |        |
| Wetland impacts (acres)   | 0           | 0      | 0.02   | 0      | 0.02   | 0.02   | 0.02   |
| Stream crossings  | 0           | 0      | 0      | 0      | 0      | 0      | 0      |
| Floodplain impacts (acres)  | 0           | 0.01   | 0.15   | 0.15   | 0.15   | 0.15   | 0.15   |
| Active farmland impacts (acres)                                       | 0           | 0      | 0      | 0      | 0      | 0      | 0      |
| Potential hazardous waste sites                                       | 0           | 0      | 0      | 0      | 0      | 0      | 0      |
| Potential noise impacts   | UNDER STUDY |        |        |        |        |        |        |
| CULTURAL RESOURCE IMPACTS   |             |        |        |        |        |        |        |
| Listed/eligible NHRP sites (no./acres)                                | 0           | 1/0.46 | 1/0.70 | 1/0.19 | 1/0.66 | 1/0.50 | 1/0.58 |
| Potentially eligible NHRP sites                                       | 0           | 0      | 0      | 0      | 0      | 0      | 0      |
| Areas of high/moderate potential for archaeological resources (acres) | 0           | 0.7    | 2.1    | 2.3    | 3.4    | 2.4    | 2.9    |

# PRELIMINARY

## Matrix of Impacts

### Route 7 Interchange

|   | Alternative |     |     |     |     |
|---|-------------|-----|-----|-----|-----|
|   | 1           | 2   | 3   | 4   | 5   |
| SOCIOECONOMIC IMPACTS   |             |     |     |     |     |
| Residential displacements   | 0           | 0   | 0   | 0   | 0   |
| Commercial displacements  | 0           | 3   | 1   | 2   | 2   |
| Community facility displacements                                      | 0           | 0   | 0   | 0   | 0   |
| NATURAL RESOURCE IMPACTS  |             |     |     |     |     |
| Wetland impacts (acres)   | 0           | 0   | 0   | 0   | 0   |
| Stream crossings  | 0           | 0   | 0   | 0   | 0   |
| Floodplain impacts (acres)  | 0           | 0   | 0   | 0   | 0   |
| Active farmland impacts (acres)                                       | 0           | 0   | 0   | 0   | 0   |
| Potential hazardous waste sites                                       | 0           | 0   | 0   | 0   | 0   |
| Potential noise impacts   | UNDER STUDY |     |     |     |     |
| CULTURAL RESOURCE IMPACTS   |             |     |     |     |     |
| Listed/eligible NHRP sites (no./acres)                                | 0           | 0   | 0*  | 0*  | 0*  |
| Potentially eligible NHRP sites                                       | 0           | 0   | 0   | 0   | 0   |
| Areas of high/moderate potential for archaeological resources (acres) | 0           | 2.0 | 2.0 | 2.0 | 2.0 |

\* - Potential impact pending final determination of historic district boundary.